Appl. No. 10/666,114 Amdt. dated July 27, 2005 Reply to Office action of April 8, 2005

The Listing of Claims:

Claims

- 1. (original) A polyethylene composition comprising:
 - (a) a first polyethylene having a melt index of 0.1 to 3.0 g/10 min and a density of from 0.905 to 0.938 g/cm³; and
 - (b) a second polyethylene having a melt index of 10 to 500 g/10 min and a density of 0.945 to 0.975 g/cm³,

wherein the composition has a density of from 0.920 to 0.973 g/cm³ and a melt index of 2 to 200 g/10 min, and wherein the density of the second polyethylene is from 0.037 to 0.062 g/cm³ greater than the density of the first polyethylene.

- 2. (original) The composition of claim 1, wherein at least one of the first and second polyethylenes is a metallocene-catalyzed polyethylene.
- 3. (original) The composition of claim 1, wherein the first and second polyethylenes are metallocene-catalyzed polyethylenes.
- 4. (original) The composition of claim 2, wherein the metallocene catalyzed polyethylene has an Mw/Mn ratio of from 1.4 to 4.0.
- 5. (original) The composition of claim 1, wherein the first polyethylene is a metallocene-catalyzed polyethylene having an Mw/Mn ratio of from 1.4 to 4.0.
- 6. (original) The composition of claim 1, wherein the first polyethylene has a density of from 0.910 to 0.935 g/cm³.
- 7. (original) The composition of claim 1, wherein the second polyethylene has a density of from 0.950 to 0.972 g/cm³.

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The composition of claim 1, wherein the second polyethylene has a 8. (original)

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density of from 0.955 to 0.970 g/cm³.

- The composition of claim 1, wherein the composition has a density 9. (original) of from 0.930 to 0.970 g/cm^3 .
- The composition of claim 1, wherein the composition has a density 10. (original) of from 0.940 to 0.965 g/cm³.
- The composition of claim 1, wherein the composition has a density 11. (original) of from 0.950 to 0.960 g/cm³.
- The composition of claim 1, wherein the density of the second 12. (original) polyethylene is from 0.038 to 0.060 g/cm³ greater than the density of the first polyethylene.
- The composition of claim 1, wherein the composition has a melt 13. (original) index I_{2.16} of from 4 to 30 g/10 min.
- The composition of claim 1, wherein the blend comprises 80% to 14. (original) 20% by weight of the first polyethylene and 20% to 80% by weight of the second polyethylene, based on the total weight of the first and second polyethylenes.
- The composition of claim 1, wherein the blend comprises 70% to (original) 15. 30% by weight of the first polyethylene and 30% to 70% by weight of the second polyethylene, based on the total weight of the first and second polyethylenes.

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- 16. (original) The composition of claim 1, wherein the blend comprises 60% to 40% by weight of the first polyethylene and 40% to 60% by weight of the second polyethylene, based on the total weight of the first and second polyethylenes.
- 17. (original) The composition of claim 1, wherein the blend consists essentially of the first and second polyethylenes.
- 18. (original) The composition of claim 1, wherein at least one of the first and second polyethylenes comprises a blend of two or more polyethylene resins.
- 19. (original) An injection molded article comprising a polyethylene composition, the polyethylene composition comprising:
 - (a) a first polyethylene having a melt index of 0.1 to 3.0 g/10 min and a density of from 0.905 to 0.938 g/cm³; and
 - (b) a second polyethylene having a melt index of 10 to 500 g/10 min and a density of 0.945 to 0.975 g/cm³,

wherein the composition has a density of from 0.920 to 0.973 g/cm³ and a melt index of 2 to 200 g/10 min, and wherein the density of the second polyethylene is from 0.037 to 0.062 g/cm³ greater than the density of the first polyethylene.

- 20. (original) The injection molded article of claim 19, wherein at least one of the first and second polyethylenes is a metallocene-catalyzed polyethylene.
- 21. (original) The injection article of claim 19, wherein the first and second polyethylenes are metallocene-catalyzed polyethylenes.
- 22. (original) The injection molded article of claim 20, wherein the metallocene catalyzed polyethylene has an Mw/Mn ratio of from 1.4 to 4.0.

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- The injection molded article of claim 1, wherein the first 23. (original) polyethylene is a metallocene-catalyzed polyethylene having an Mw/Mn ratio of from 1.4 to 4.0.
- The injection molded article of claim 19, wherein the first 24. (original) polyethylene has a density of from 0.910 to 0.935 g/cm³.
- The injection molded article of claim 19, wherein the second 25. (original) polyethylene has a density of from 0.950 to 0.972 g/cm³.
- The injection molded article of claim 19, wherein the second (original) 26. polyethylene has a density of from 0.955 to 0.970 g/cm³.
- The injection molded article of claim 19, wherein the composition 27. (original) has a density of from 0.930 to 0.970 g/cm³.
- The injection molded article of claim 19, wherein the composition 28. (original) has a density of from 0.940 to 0.965 g/cm³.
- The injection molded article of claim 19, wherein the composition 29. (original) has a density of from 0.950 to 0.960 g/cm³.
- The injection molded article of claim 19, wherein the density of the 30. (original) second polyethylene is from 0.038 to 0.060 g/cm³ greater than the density of the first polyethylene.
- The injection molded article of claim 19, wherein the composition 31. (original) has a melt index $I_{2.16}$ of from 4 to 30 g/10 min.

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- 32. (original) The injection molded article of claim 19, wherein the blend comprises 80% to 20% by weight of the first polyethylene and 20% to 80% by weight of the second polyethylene, based on the total weight of the first and second polyethylenes.
- 33. (original) The injection molded article of claim 19, wherein the blend comprises 70% to 30% by weight of the first polyethylene and 30% to 70% by weight of the second polyethylene, based on the total weight of the first and second polyethylenes.
- 34. (original) The injection molded article of claim 19, wherein the blend comprises 60% to 40% by weight of the first polyethylene and 40% to 60% by weight of the second polyethylene, based on the total weight of the first and second polyethylenes.
- 35. (original) The injection molded article of claim 19, wherein the blend consists essentially of the first and second polyethylenes.
- 36. (original) The injection molded article of claim 19, wherein at least one of the first and second polyethylenes comprises a blend of two or more polyethylene resins.
- 37. (original) A process for forming an injection molded article, the process comprising:
 - (a) providing a polyethylene composition comprising
 - (i) a first polyethylene having a melt index of 0.1 to 3.0 g/10 min and a density of from 0.905 to 0.938 g/cm³; and
 - (ii) a second polyethylene having a melt index of 10 to 500 g/10 min and a density of 0.945 to 0.975 g/cm³,

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wherein the composition has a density of from 0.920 to 0.973 g/cm³ and a melt index of 2 to 200 g/10 min, and wherein the density of the second polyethylene is from 0.037 to 0.062 g/cm³ greater than the density of the first polyethylene; and

(b) injection molding the polyethylene composition to form an injection molded article.